



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Qinggang Zhou and Robert J. Gove
Title: Image Processing Circuit and Method for Modifying a Pixel Value
Serial No.: 09/750,382
Filing Date: December 21, 2000
Examiner: Paulos M. Natnael
Unit: 2614
Attorney Docket No.: 1552-6-10

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Signature

Commissioner for Patents
Alexandria, VA 22313-1450

Amendment/Response

Dear Sir:

In response to the Office Action mailed May 20, 2004, please consider the amendments and remarks set forth herein.

Amendments to the Claims are reflected in the listing of claims that begins on page

2 of this paper.

01/10/2005 TBELL2 00000005 071897 09750382

01 FC:2201 Remarks/Arguments begin on page 14 of this paper.

Adjustment Date: 05/03/2005 SDIRETA1
01/10/2005 TBELL2 00000005 071897 09750382
01 FC:2201 129.00 CR

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Room 807



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Qinggang Zhou and Robert J. Gove
Title: IMAGE PROCESSING CIRCUIT AND METHOD FOR
MODIFYING A PIXEL VALUE
Serial Number: 09/750,382
Filing Date: December 21, 2000
Examiner/Unit: Paulos M. Natnael/2614
Attorney Docket No.: 1552-6-10

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited in the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450, on this 16th day of March, 2005.

Susan L. Rodriguez
Signature

REQUEST FOR REFUND OF EXCESS PAYMENT (37 CFR 1.28)

TO THE COMMISSIONER FOR PATENTS:

The undersigned, as attorney of record for the inventors identified above, with respect to the instant patent application, hereby requests that the charge of \$129.00 to our deposit account 07-1897 on January 10, 2005 be refunded. The following timeline illustrates the basis for this request:

- 08/14/2001 Notice to file missing parts filed declaring small entity status. (Copy enclosed for reference)
- 09/26/2001 Updated filing receipt issued stating "Small Entity" status. (Copy enclosed for reference)
- 02/20/2004 Response to Office Action dated 11/19/2003 filed. \$129 additional claim fee paid at this time. (Copy of cancelled check enclosed for reference)
- 08/20/2004 Response to Office Action dated 05/20/2004 filed. No additional claim fee required.
- 08/24/2004 Response to Office Action received at the PTO. Patent Application Fee Determination Record completed by PTO. Claim fee calculated at "Large Entity" status. (Copy enclosed for reference)
- 01/10/2005 Deposit account 07-1897 reflects charge for additional claim fee code 2201. (Copy enclosed for reference)

Please refund the charge by crediting the deposit account 07-1897 of the undersigned attorney's law firm.

Should there be any question concerning this Request, a call to the undersigned attorney is encouraged.

DATED this 16th day of March, 2005.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP

By 

P. G. Scott Born
 Registration No. 40,523
 Attorneys for Applicant
 155-108th Avenue NE Suite 350
 Bellevue, WA 98004-5973
 (425) 455-5575



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Qinggang Zhou and Robert J. Gove
Serial No.: 09/750,382
Filing Date: December 21, 2000
Title: IMAGE PROCESSING CIRCUIT AND METHOD FOR
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Attorney Docket No.: 1552-6-10

CERTIFICATE OF MAILING OR TRANSMISSION

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Signature

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION
TO THE ASSISTANT COMMISSIONER FOR PATENTS:

In response to the Notice to File Missing Parts of Application dated February 15, 2001, Applicants submit:

- XX 1. An executed Declaration and Power of Attorney in the above identified U.S. patent application (2).
- XX 2. A copy of the NOTICE TO FILE MISSING PARTS OF APPLICATION.

FEE COMPUTATION

Filing Fee (\$690.00/\$355.00)	\$ <u>355.00</u>
Extra claim fee	\$ <u>850.00</u>
Surcharge Fee (\$130.00/\$65.00)	\$ <u>65.00</u>
TOTAL:	\$ <u>1,270.00</u>

- XX 3. Applicant claims small entity status.
- XX 4. A Request for Extension of Time for four months is enclosed with Check No. 17456 for \$695.00 extension fee.
- XX 5. Check No. 17457 for filing and surcharge fees.
6. Charge \$ to Deposit Account No. . A copy of this sheet is enclosed.
- XX 7. Please charge any additional fees or credit any overpayment to Deposit Account No. 07-1897.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP


Bryan A. Santarelli
Attorney for Applicant
Registration No. 37,560
155 - 108th Avenue NE, Ste. 350
Bellevue, WA 98004
(425) 455-5575



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FILE FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/750,382	12/21/2000	2621	1270	1552-6-10	6	70	13

Bryan A. Santarelli
GARYBEAL JACKSON HALEY LLP
Suite 350
155-108th
Bellevue, WA 98004-5901



CONFIRMATION NO. 8107

UPDATED FILING RECEIPT



OC000000006798878

Date Mailed: 09/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

✓ Applicant(s)

Qinggang Zhou, Chapel Hill, NC;
Robert J. Gove, Los Gatos, CA;

✓ Assignment For Published Patent Application

Equator Technologies, Inc.;

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R 097 1 2001 L

✓ Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/091,407 07/01/1998
AND A CIP OF PCT/US99/14701 06/30/1999

GRAYBEAL JACKSON
HALEY LLP

Foreign Applications

If Required, Foreign Filing License Granted 02/15/2001

Projected Publication Date: 01/03/2002

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

✓ Title

Image processing circuit and method for modifying a pixel value

Preliminary Class

382

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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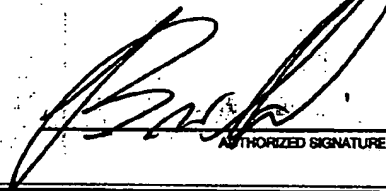
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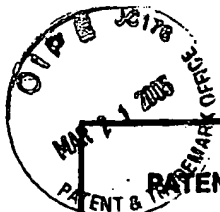
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⑈0000012900⑈



PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2000

Application or Docket Number

9/450,386

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	70 minus 20=	50
INDEPENDENT CLAIMS	13 minus 3=	10
MULTIPLE DEPENDENT CLAIM PRESENT		<input type="checkbox"/>

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	70	Minus .. 70	=
Independent	16	Minus ... 13	= 3
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total		Minus ..	=
Independent		Minus ...	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total		Minus ..	=
Independent		Minus ...	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	355.00
X\$ 9=	
X40=	
+135=	
TOTAL	

RATE	FEE
BASIC FEE	710.00
X\$18=	900.00
X80=	800.00
+270=	
TOTAL	2410

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	250
+270=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	



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Page**Deposit Account Statement**

Requested Statement Month: January 2005
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Name: GRAYBEAL JACKSON HALEY LLP
Attention: STEPHEN M EVANS
Address: 155 108TH AVENUE NE,
City: BELLEVUE
State: WA
Zip: 98004-5117

DATE SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
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01/10 5	09750382	1552-6-10	2201	\$129.00	\$7,990.00
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